

X-keys® XKE-124 T-bar Specifications

for XK-1370-UFB124-R



- 124 programmable keys + T-bar Control
- Clear, removable key caps for applying and changing legends
- Includes programming software for Windows and Mac
- Free software development kits for developers
- Two color addressable backlighting (red and blue)

The XKE-124 offers a smooth, accurate, and reliable T-bar control with 124 keys to create the perfect control panel for any application. Single units stand readily available for experimentation and prototyping. We support every customer from initial purchase and prototyping through implementation of multiple control consoles.

Free software development kits support all input and output data. Our SDK includes examples for C#, C++, and VB.NET and a separate SDK for Linux. Unique unit ID supports multiple units on the same system.

Specifications

Operating System	Use: Any OS via USB HID Programming: Windows XP through 10, Mac OS X 10.4 through 10.10
Free Programming Software	Windows: P.I. Engineering SDK Mac: ControllerMate for X-keys
Free Software Development Kits	Windows (C++, C#, VB.NET), OS X, Linux (C++), Android (Java), raw HID (any language/OS)
Emulation Modes	HID keyboard, HID mouse, HID game controller, HID multimedia
Switch Type	Full-travel rubber dome, carbon on gold contacts, guaranteed for over 1 million operations
Number of Keys	124 single keys
Actuation Force	120g (4.2oz) break-over, 60g (2.1oz) hold
Key Cap Type	Relegendable with Cherry MX compatible stem
Key Cap Size	.625" (16mm) sq.
Key Spacing	0.75" O.C.
Optional Keys	2x1, 1x2, and 2x2
Backlighting	128 blue and 128 red LEDs, individually addressable
Connector	Wired USB standard "A" plug
Cord Length	118" (3 m)
Dimensions	14" x 7.3" x 1.8" (279mm x 185mm x 46mm)
Weight	62 oz. (1.7 g)
USB type	USB 1.1 compatible through 3.0 Type-c with adapter
Power Source	USB port, nominal voltage = 5 VDC
Current Draw	No backlight: 37 mA, Blue backlight full: 176 mA, Red backlight full: 265 mA, All backlights full: 358 mA
Temperature Range	-20 to 60 C
Memory Capacity	Approximately 21,000 keystrokes or commands in onboard memory
Humidity	80% Rh non-condensing
Environmental Rating	IP 40, typical indoor office environment
Certifications	FCC class B, CE, RoHS, WEEE compliant

Specifications subject to change without notice

P.I. Engineering, Inc.
101 Innovation Parkway | Williamston, Michigan 48895-1663
Phone: (517) 655-5523 | Fax: (517) 655-4926
E-mail: tech@xkeys.com | Web: www.xkeys.com

